

What is claimed is:

1. An information processing system comprising:
module for scanning first data to be used by
application software and extracting information for
searching a database;

module for extracting second data from a
database on the basis of the extracted information;
and

module for inserting the second information
into the location from which the information of the
first data has been extracted.

2. An information processing system comprising:
search information storage module for storing
first information (hereinafter referred to as the
"first search information") for searching a database
in association with identification information;

identification information extracting module
for extracting the identification information by
scanning the first data to be used by application
software;

search information extracting module for
extracting the first search information
corresponding to the extracted identification
information by referring to the search information

4040360-041922

storage module;

data extracting module for extracting second data by searching a database on the basis of the extracted first search information; and

data inserting module for inserting the extracted second data into the location from which the identification information of the first data has been extracted.

3. The information processing system according to claim 2, wherein the first search information at least includes information for specifying a database and information for specifying a part or all of the search conditions.

4. The information processing system according to claim 2, wherein the identification information extracting module extracts, in addition to the identification information, second information (hereinafter referred to as the "second search information") for searching a database, the second search information being located in association with the identification information, and the data extracting module searches a database on the basis of the first search information and the second search information.

10040359 044000

5. The information processing system according to claim 4, wherein the second search information at least includes information for specifying a part or all of the search conditions.

6. The information processing system according to claim 2, wherein the system can register or update the first search information with the search information storage module on the basis of user input.

7. The information processing system according to claim 2, wherein the search information storage module stores a plurality of the first search information by classifying it into a plurality of groups.

8. The information processing system according to claim 1, wherein the application software is spreadsheet software and the first data is tabular data.

9. The information processing system according to claim 2, wherein the application software is spreadsheet software and the first data is tabular data.

1004956-014022

10. The information processing system according to claim 1, wherein the application software is browser software and the first data is document data described in a structured tag language such as html.

11. The information processing system according to claim 2, wherein the application software is browser software and the first data is document data described in a structured tag language such as html.

12. The information processing system according to claim 1, wherein at least any one of the inputs or outputs to the application software, database, or the user, is performed through a communication network.

13. The information processing system according to claim 2, wherein at least any one of inputs or outputs to the application software, database, or the user, is performed through a communication network.

14. An information processing method comprising the steps of:

scanning first data to be used by application software and extracting information for searching a database;

extracting second data from a database on the

10040350 044030

basis of the extracted information; and

inserting the second data into the location from which the information of the first data has been extracted.

15. An information processing method comprising:
an identification information extracting step of scanning first data to be used by application software, thereby extracting identification information;

a search information extracting step of referring to search information storage module for storing first information (hereinafter referred to as the "first search information") for searching a database in association with identification information, thereby extracting the first search information corresponding to the extracted identification information;

a data extracting step of searching a database on the basis of the extracted first search information, thereby extracting second data; and

a data insertion step of inserting the extracted second data into the location from which the identification information of the first data has been extracted.

10045350 041003

16. The information processing method according to claim 15, wherein the first search information includes at least information for specifying a database and information for specifying a part or all of the search conditions.

17. The information processing method according to claim 15, wherein in the identification information extracting step,

in addition to the identification information, second information is extracted (hereinafter referred to as the "second search information") for searching a database, the second search information being located in association with the identification information, and

in the data extracting step, a database is searched on the basis of the first search information and the second search information.

18. The information processing method according to claim 17, wherein the second search information includes at least information for specifying a part or all of the search conditions.

19. The information processing method according to claim 15, further comprising the step of registering

40040350-044000

and updating the first search information with the search information storage module on the basis of user input.

20. The information processing method according to claim 15, wherein in the search information extracting step, at the time of reference to the search information storage module, a group in which the first search information is classified is designated and the first search information corresponding to the extracted identification information is extracted.

21. The information processing method according to the claim 14, wherein the application software is spreadsheet software and the first data is tabular data.

22. The information processing method according to claim 15, wherein the application software is spreadsheet software and the first data is tabular data.

23. The information processing method according to claim 14, wherein the application software is browser software and the first data is document data described in a structured tag language such as html.

28. A computer readable recording medium with a program stored therein for performing on a computer the information processing method according to claim 15.